

REMARKS

Independent claims 1, 7, 13 and 16 have been amended to specify the feature of generating code for loading a multi-dimensional data warehouse from a plurality of source databases.

It is believed that this amendment clearly does not raise new issues, since the feature of loading a multi-dimensional data warehouse from a plurality of source databases is clearly described in the specification as filed. Please see page 1, first paragraph, page 2, second-last paragraph, and page 9, second paragraph.

Dependent claims 2 and 8 have been amended to specify the feature that at least some of the macro substitutions comprise inserting a run-time processor macro for processing at run time.

It is believed that this amendment clearly does not raise new issues, since the feature of inserting a run-time processor macro for processing at run time is clearly described in the specification as filed. Please see pages 7 - 8, section headed "Run-time processing".

Additionally, method claims 1 and 7 have been amended to specify that the method is a computer-implemented one. Again, it is believed that this amendment clearly does not raise new issues, since it is clear from the description that the method is computer-implemented.

*Claim Rejections - 35 USC §103*

It is respectfully submitted that the present invention as defined in the amended claims is clearly patentably distinguished over the Novalis reference (Access 97 Macro & VBA Handbook).

Regarding claims 1, 7, 13 and 16, Novalis clearly does not describe or suggest anything about generating code for loading a multi-dimensional data warehouse from a plurality of source databases.

Moreover, it is respectfully submitted that Novalis clearly does not describe or suggest anything about pre-processing a source file, by replacing the directives with code, using information pulled from a number of data models. On page 3 of the office action, the examiner says:

"The macros that process a database use information regarding the data model that was pulled from the data model itself. For example, a macro that aggregates data in a row of a table will need to know the name of the row, the name of the table, and the name of the database itself. This information must be pulled from the database in some way in order for the user to successfully provide the correct information in the arguments of the macro".

With respect, however, it is submitted that it is not correct to say that "this information must be pulled from the database in some way". On the contrary, when writing a VBA macro, the user (programmer) will surely specify all these things (name of the row, name of the table, and name of the database) in the VBA program, so that there is no need for any pre-processing to pull this information from a data model.

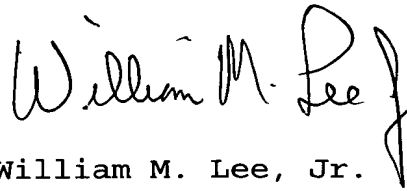
Regarding claims 2 and 8, Novalis clearly does not describe or suggest anything about macro substitutions comprising inserting a run-time processor macro for processing at run time.

*Conclusion*

In summary, it is respectfully submitted that this application is clearly in order for allowance and such action is respectfully solicited.

Date: 5/22/03

Respectfully Submitted

A handwritten signature in cursive script that reads "William M. Lee, Jr." The signature is written in dark ink and is positioned above the printed name.

William M. Lee, Jr.

Registration No. 26,935

Lee, Mann, Smith, McWilliams,  
Sweeney & Ohlson

P.O.Box 2786

Chicago, Illinois 60690-2786

(312) 368-1300

Facsimile (312) 368-0034